

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
 Data File : BF140258.D
 Acq On : 06 Nov 2024 15:52
 Operator : RC/JU
 Sample : P4709-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-110424

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140258.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	23	rVB	1429570	2295847	67.62%	6.533%
2	2.257	23	28	57	rVB2	47385	128660	3.79%	0.366%
3	5.093	500	510	519	rBV	361241	560398	16.50%	1.595%
4	5.493	572	578	583	rBV	2203666	2923306	86.09%	8.318%
5	5.893	640	646	654	rBV	33836	45220	1.33%	0.129%
6	6.498	742	749	754	rBV	2194415	2981178	87.80%	8.483%
7	6.704	780	784	789	rBV2	25001	37973	1.12%	0.108%
8	6.875	808	813	818	rBV	707776	853722	25.14%	2.429%
9	7.269	876	880	889	rVB	21995	41967	1.24%	0.119%
10	7.434	898	908	913	rBV	1515491	2000650	58.92%	5.693%
11	7.681	946	950	957	rVB3	52876	76135	2.24%	0.217%
12	7.798	959	970	975	rBV5	33022	74353	2.19%	0.212%
13	8.157	1024	1031	1037	rBV	866842	1143299	33.67%	3.253%
14	8.445	1076	1080	1083	rBV4	27430	37495	1.10%	0.107%
15	8.657	1113	1116	1122	rBV4	46149	68837	2.03%	0.196%
16	8.745	1127	1131	1134	rBV2	84572	108431	3.19%	0.309%
17	8.975	1166	1170	1174	rVV2	88483	127291	3.75%	0.362%
18	9.110	1188	1193	1197	rVB4	50898	90624	2.67%	0.258%
19	9.175	1201	1204	1208	rVV3	50990	66867	1.97%	0.190%
20	9.233	1209	1214	1219	rVV	2740624	3395466	100.00%	9.662%
21	9.310	1223	1227	1231	rBV	259395	336421	9.91%	0.957%
22	9.381	1236	1239	1243	rVB	73871	91381	2.69%	0.260%
23	9.492	1255	1258	1264	rVB5	47509	82367	2.43%	0.234%
24	9.569	1264	1271	1273	rBV6	82754	196237	5.78%	0.558%
25	9.633	1277	1282	1284	rBV4	154554	229681	6.76%	0.654%
26	9.692	1289	1292	1296	rVB2	108797	134540	3.96%	0.383%
27	9.845	1313	1318	1322	rVB	419969	529316	15.59%	1.506%
28	9.916	1325	1330	1334	rVB	835477	1072219	31.58%	3.051%
29	10.016	1345	1347	1352	rVB2	47541	56985	1.68%	0.162%
30	10.080	1354	1358	1359	rBV	77035	104905	3.09%	0.299%
31	10.163	1369	1372	1376	rBV4	112831	159775	4.71%	0.455%
32	10.345	1398	1403	1407	rBV	609155	769574	22.66%	2.190%
33	10.563	1435	1440	1446	rBV	269895	446708	13.16%	1.271%
34	10.622	1447	1450	1453	rBV2	113355	160281	4.72%	0.456%
35	10.704	1458	1464	1469	rBV	1245919	1612654	47.49%	4.589%
36	10.822	1479	1484	1492	rVB	815481	1315787	38.75%	3.744%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.269	1555	1560	1563	rBV	736793	986348	29.05%	2.807%
38	11.298	1563	1565	1571	rVB	338436	412897	12.16%	1.175%
39	11.404	1579	1583	1589	rBV	695122	984082	28.98%	2.800%
40	11.698	1628	1633	1637	rBV	652149	829926	24.44%	2.362%
41	11.933	1669	1673	1680	rVB	292771	429576	12.65%	1.222%
42	12.104	1698	1702	1706	rVB	598654	710376	20.92%	2.021%
43	12.386	1747	1750	1758	rVB	85663	122326	3.60%	0.348%
44	12.492	1764	1768	1773	rVB	485413	610054	17.97%	1.736%
45	12.622	1786	1790	1802	rVB	154914	315657	9.30%	0.898%
46	12.863	1825	1831	1836	rVB2	341344	577057	16.99%	1.642%
47	12.992	1848	1853	1861	rVB	2010055	2583338	76.08%	7.351%
48	13.221	1888	1892	1899	rBV	227155	320229	9.43%	0.911%
49	13.563	1947	1950	1955	rBV2	138614	186416	5.49%	0.530%
50	13.898	2004	2007	2016	rVB3	148141	248611	7.32%	0.707%
51	14.051	2028	2033	2044	rVB2	545235	891524	26.26%	2.537%
52	15.539	2282	2286	2302	rVB	313210	578150	17.03%	1.645%

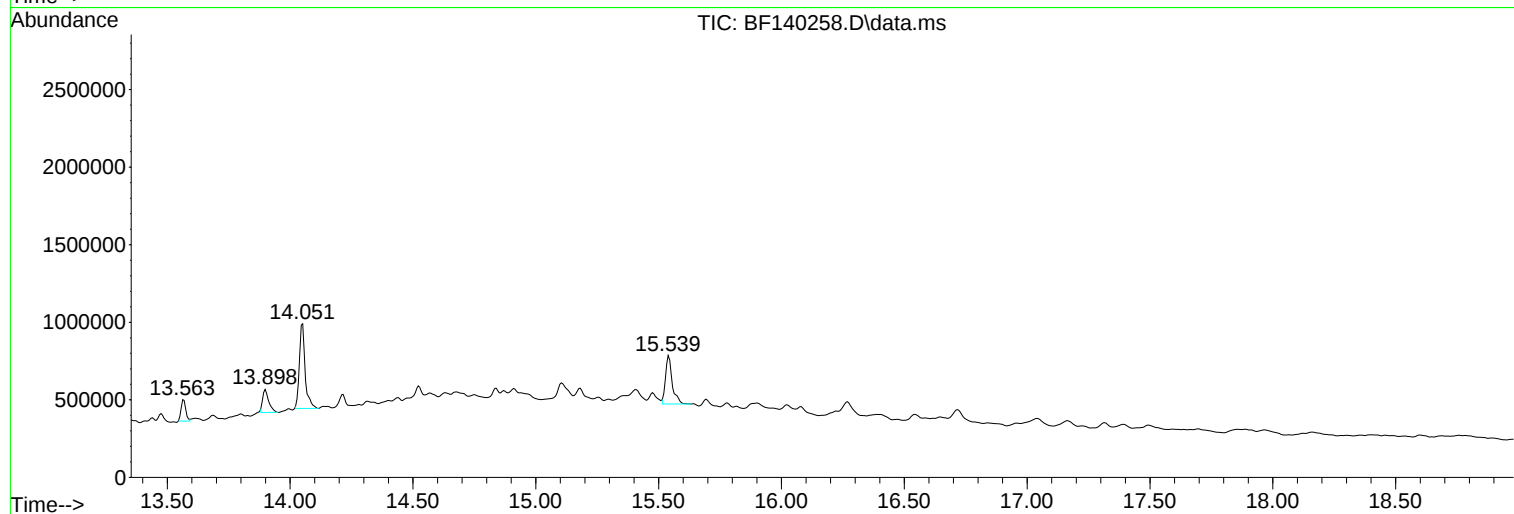
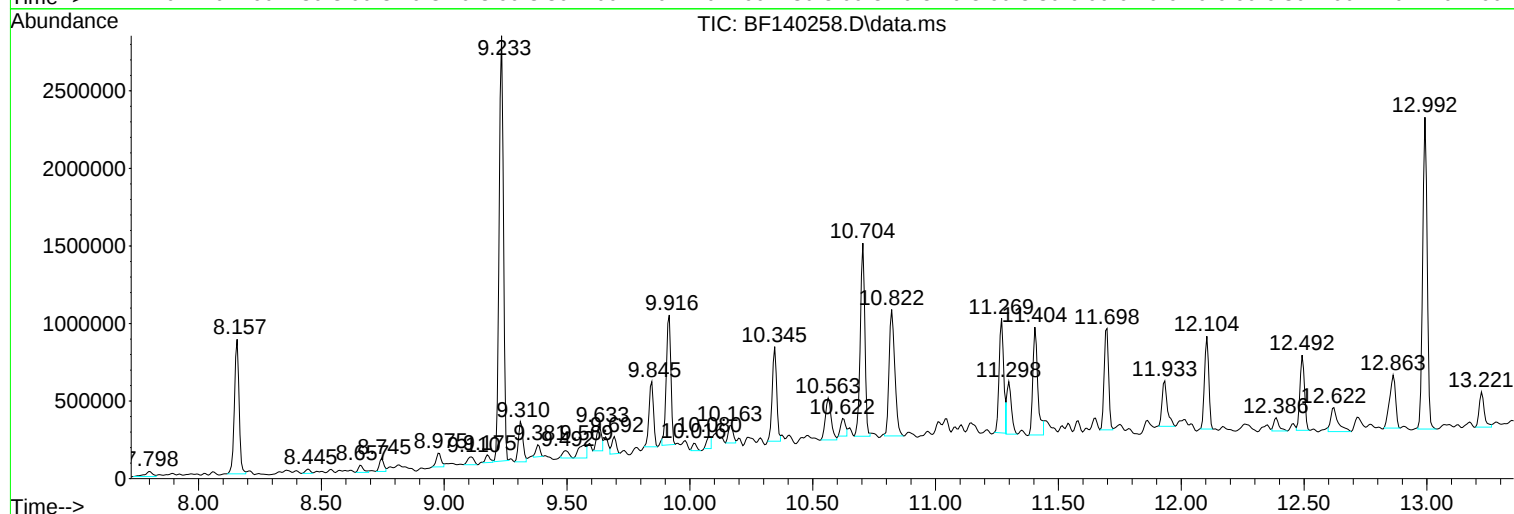
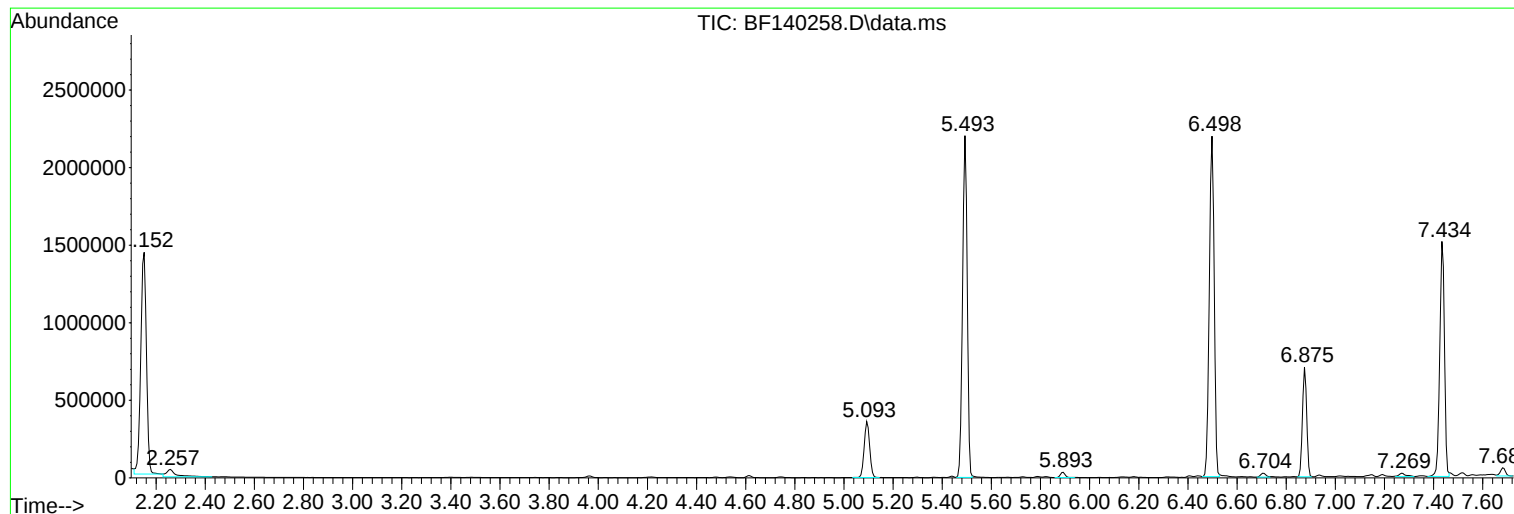
Sum of corrected areas: 35143117

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

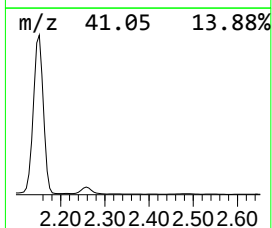
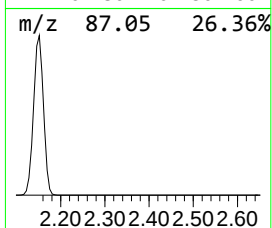
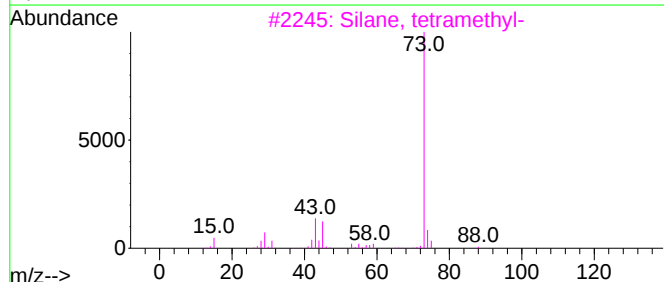
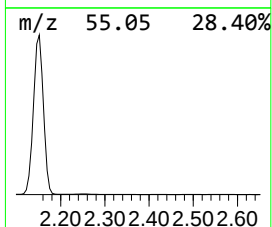
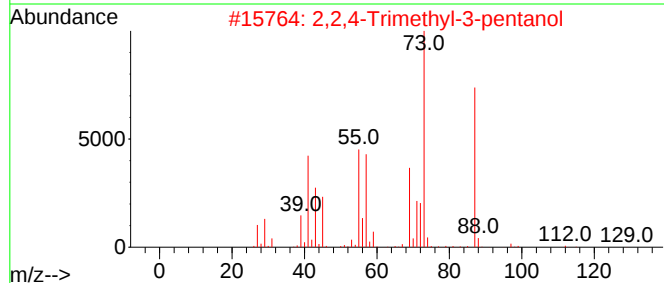
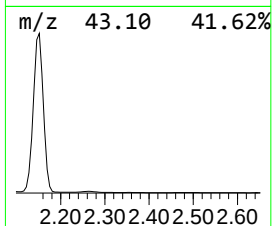
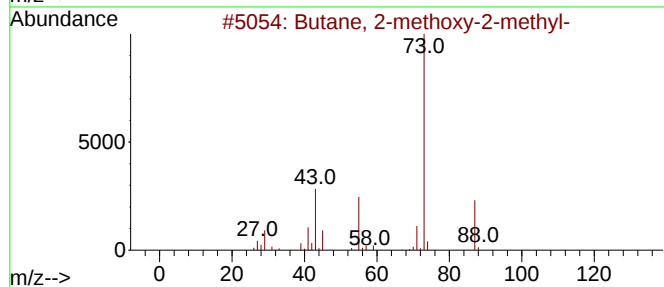
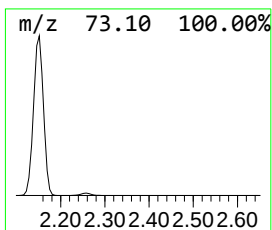
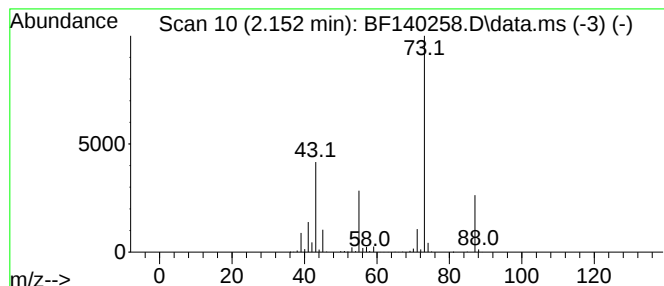
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	53.78 ng	2295850	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

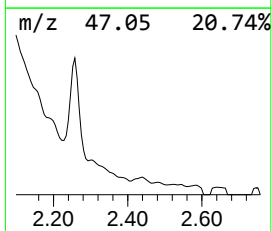
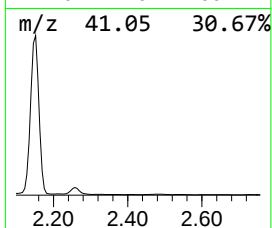
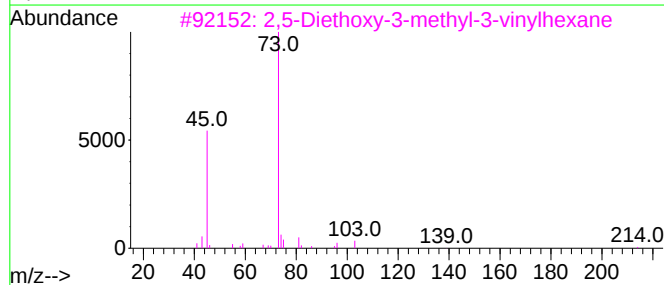
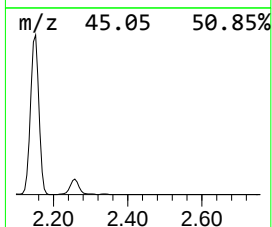
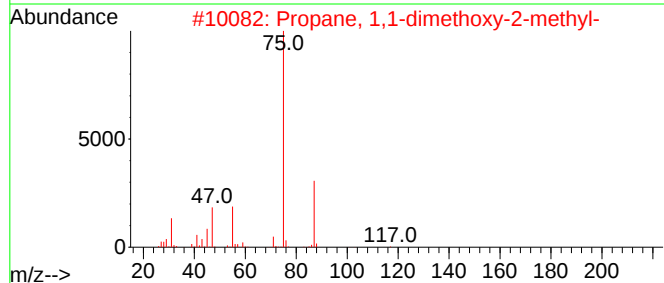
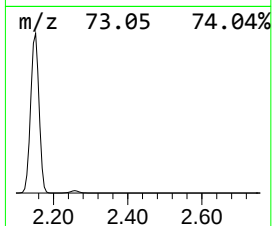
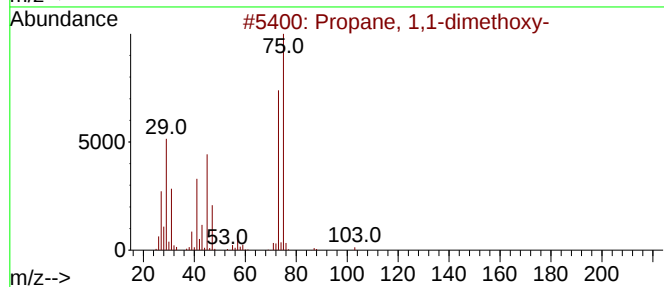
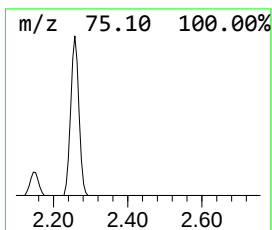
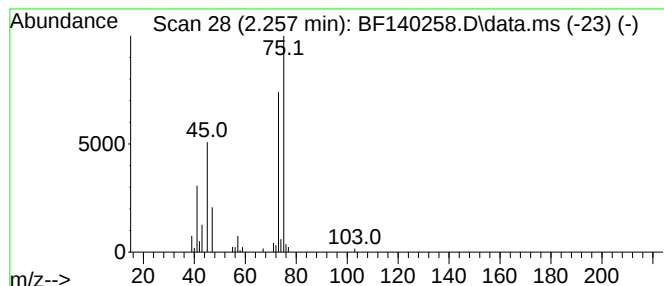
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	3.01 ng	128660	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2			Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	33
3			2,5-Diethoxy-3-methyl-3-vinylhexane	214	C13H26O2	1000432-70-8	10
4			Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

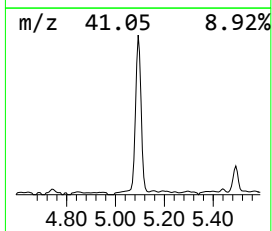
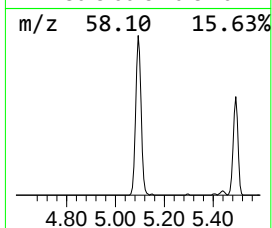
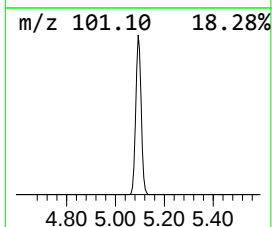
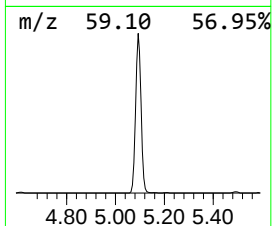
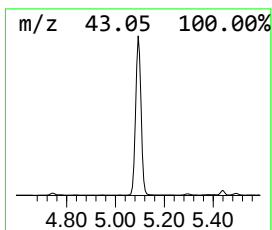
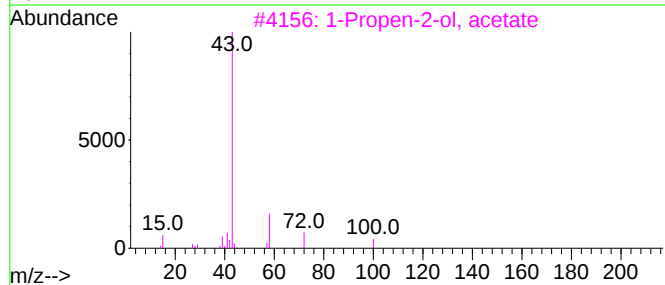
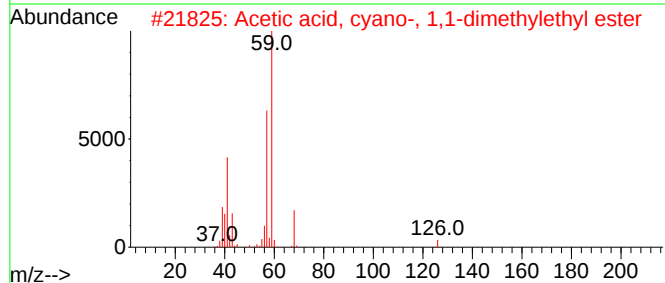
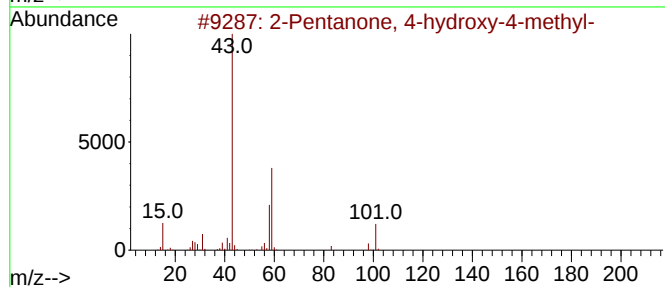
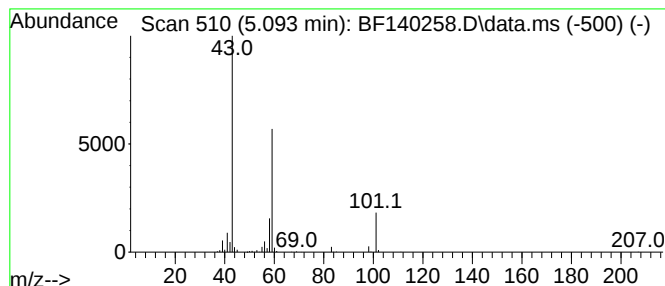
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	13.13 ng	560398	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

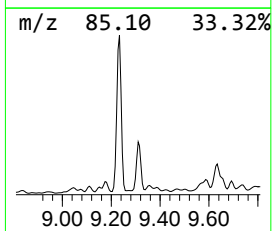
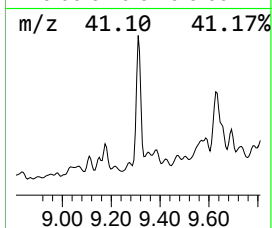
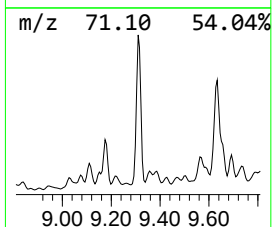
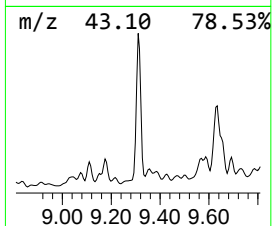
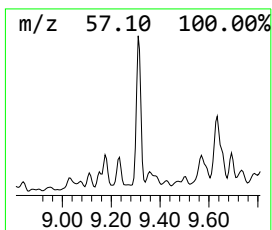
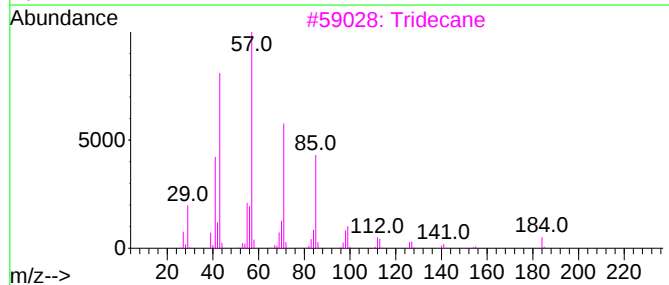
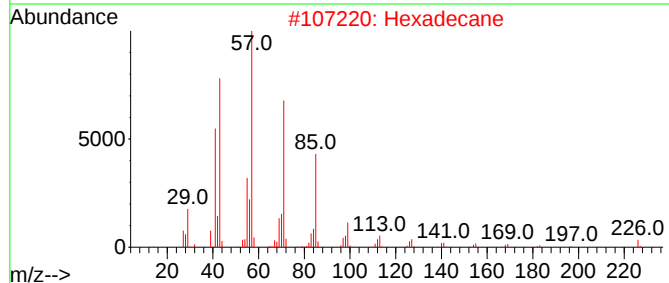
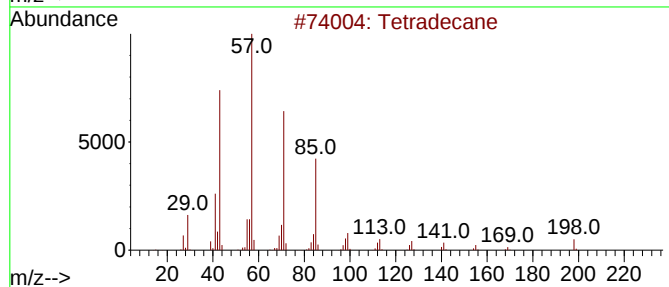
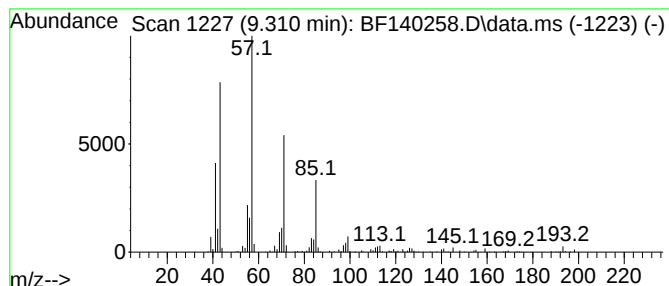
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	6.28 ng	336421	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane	184	C13H28	000629-50-5	86
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	81
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

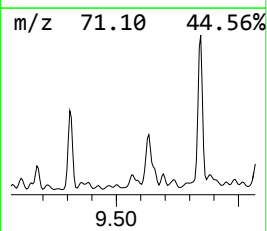
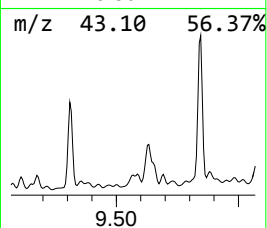
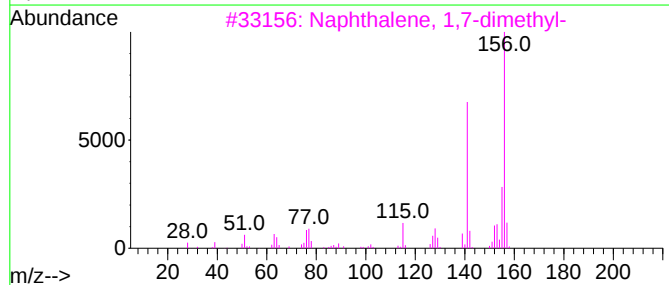
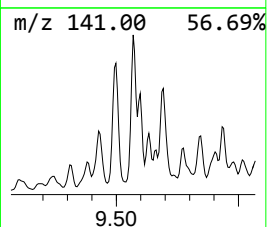
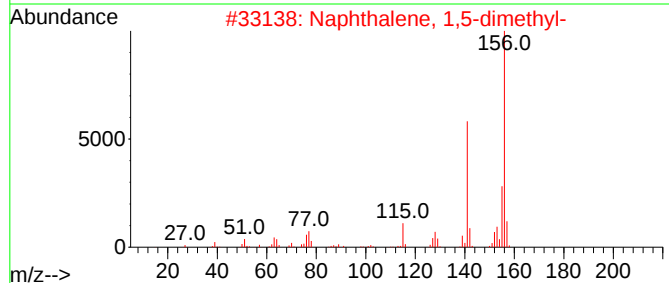
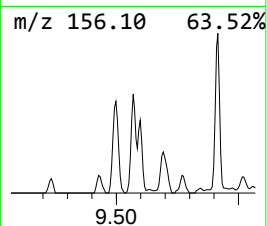
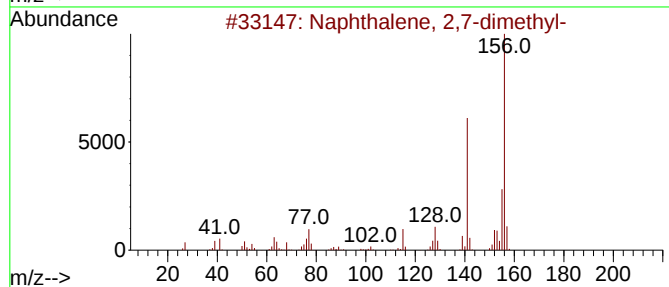
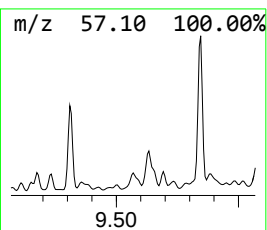
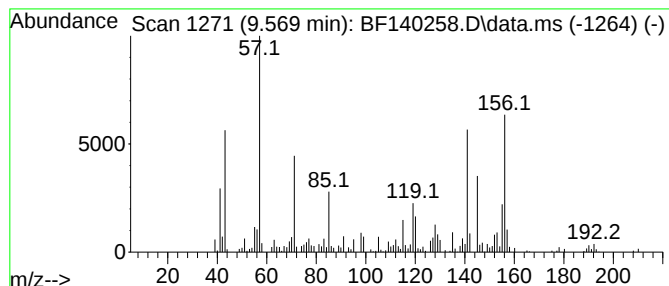
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	3.66 ng	196237	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

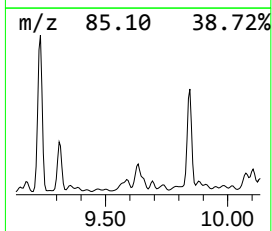
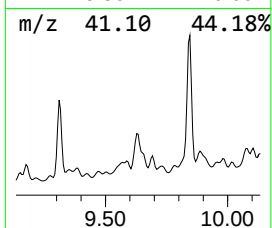
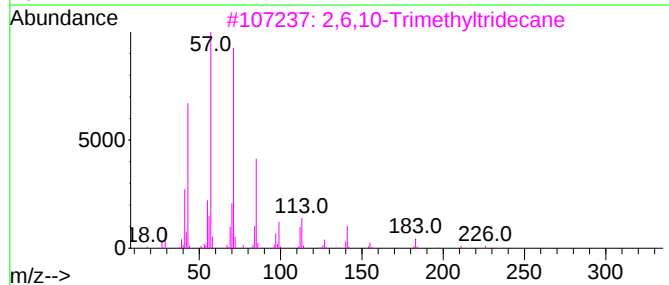
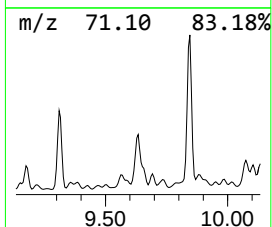
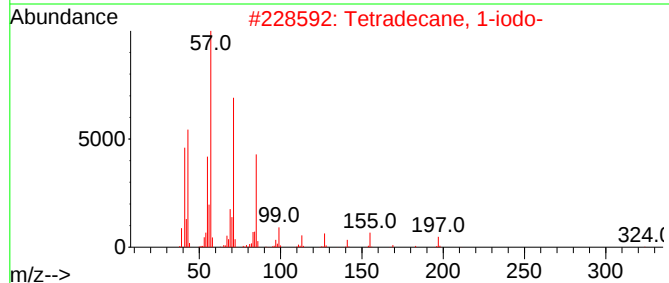
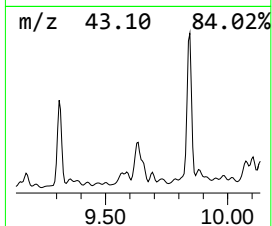
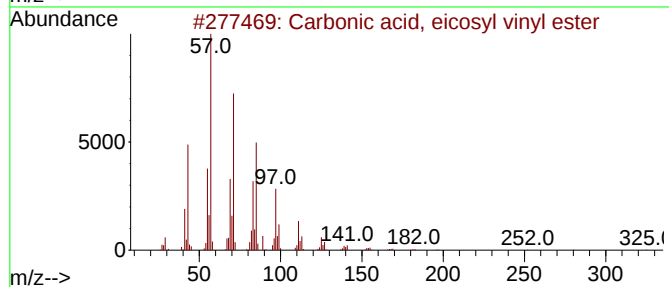
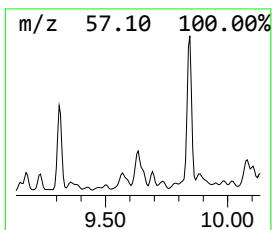
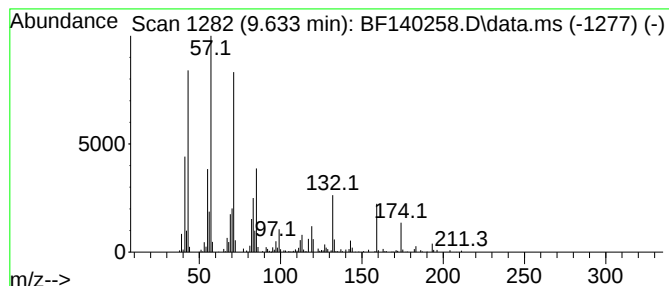
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Carbonic acid, eicosyl vinyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.633	4.28 ng	229681	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	58
2	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	52
3	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	52
4	Nonadecane		268	C19H40	000629-92-5	49
5	Hexadecane		226	C16H34	000544-76-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

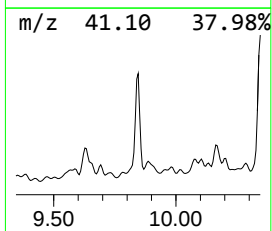
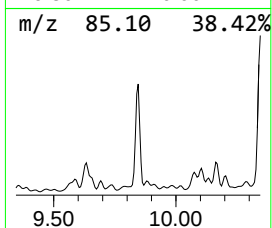
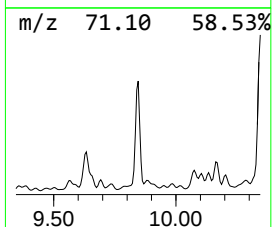
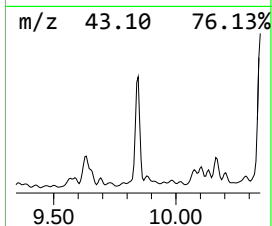
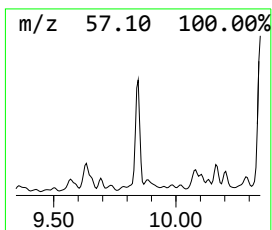
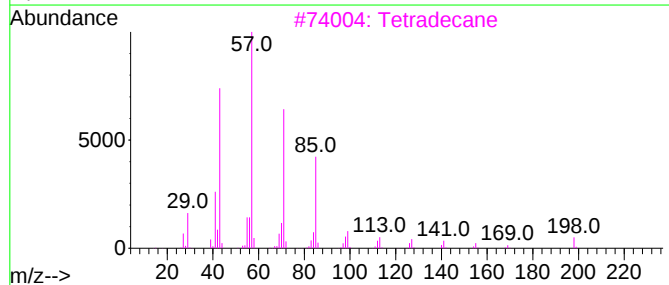
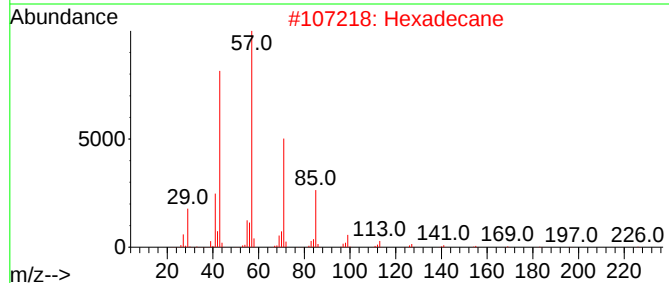
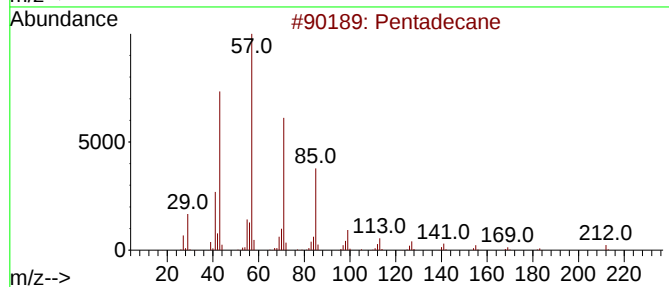
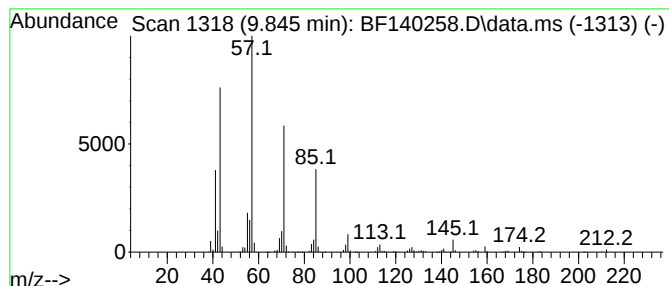
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	9.87 ng	529316	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

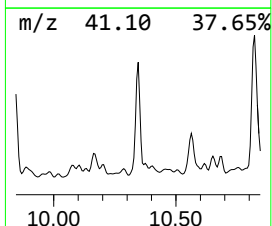
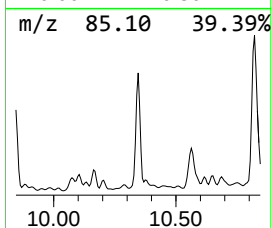
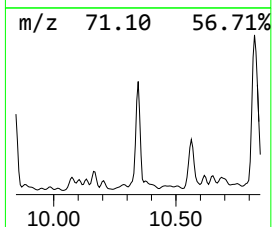
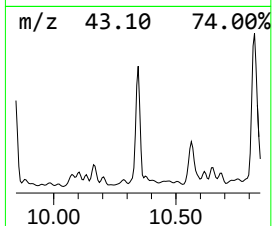
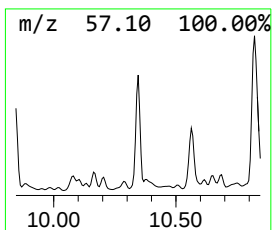
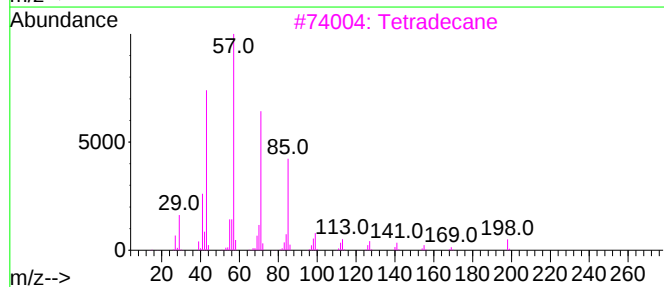
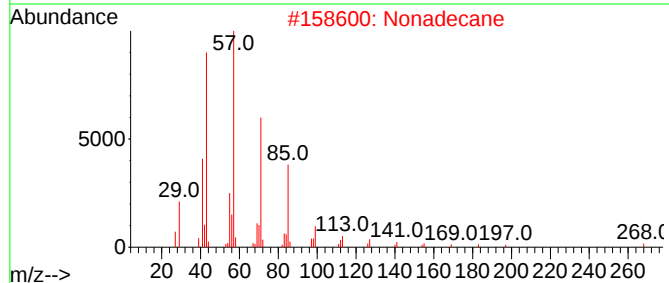
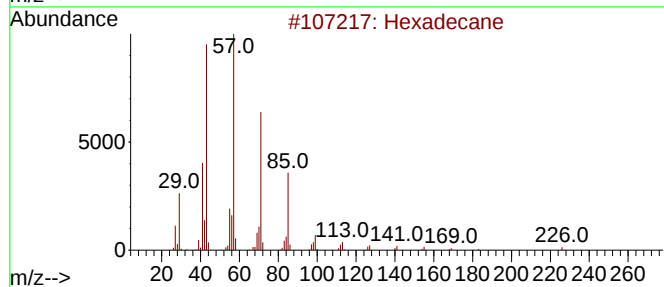
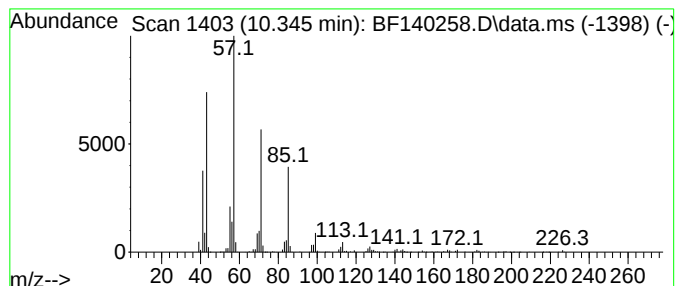
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	14.35 ng	769574	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Nonadecane	268	C19H40	000629-92-5	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

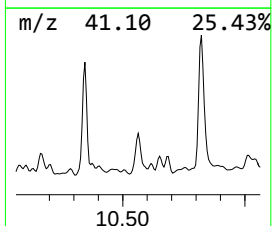
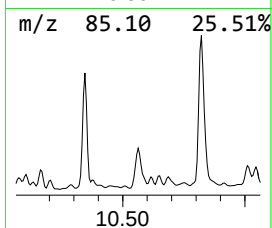
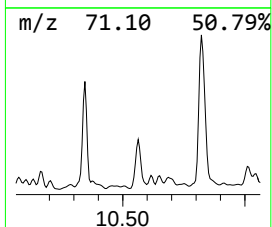
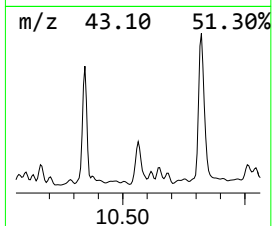
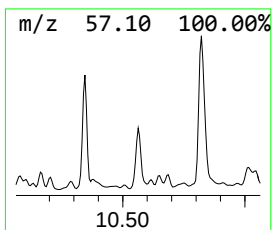
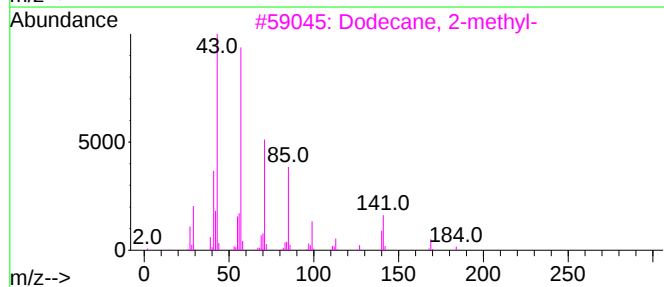
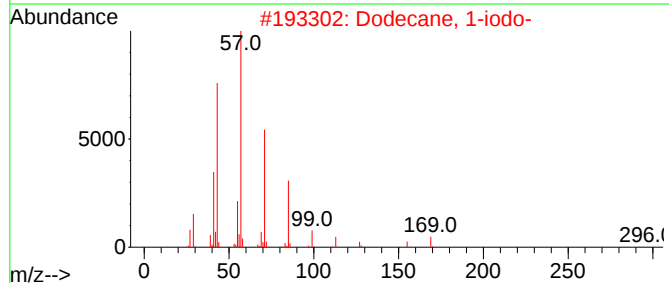
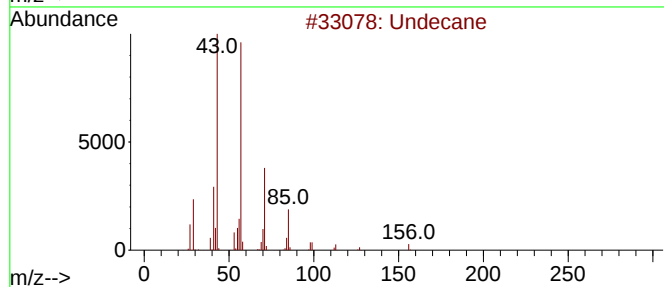
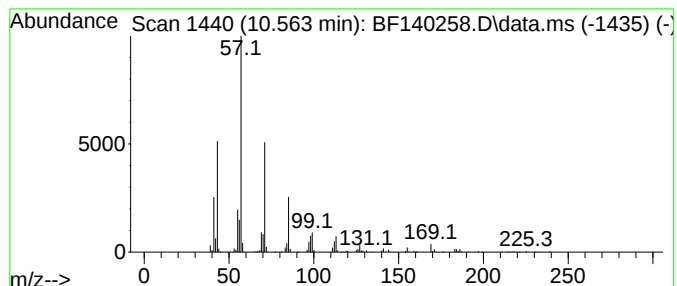
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.563	8.33 ng	446708	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

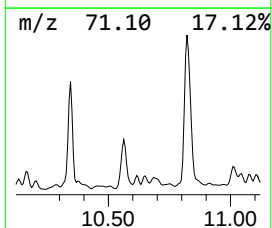
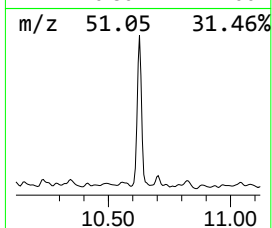
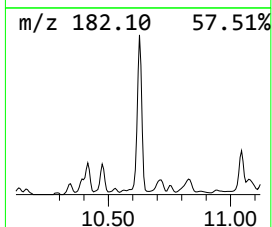
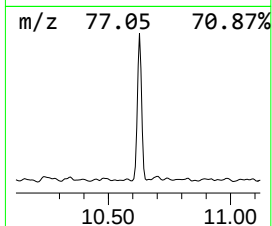
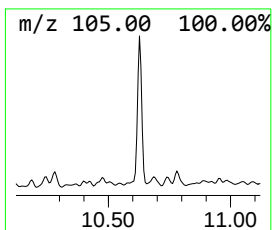
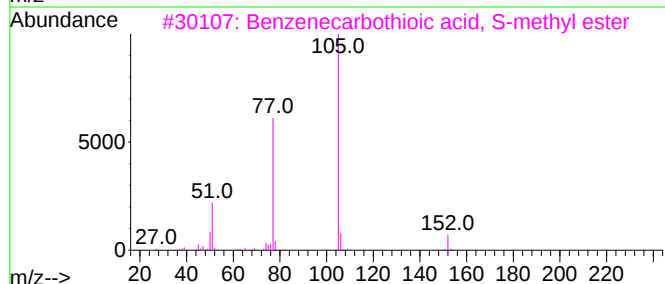
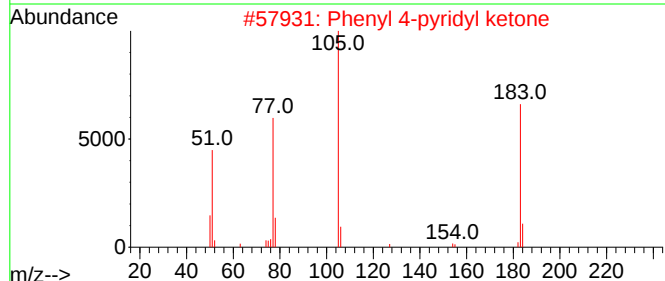
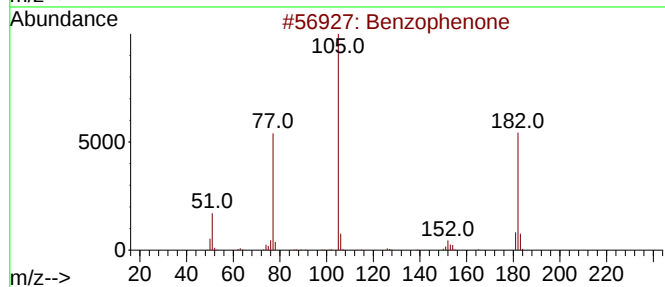
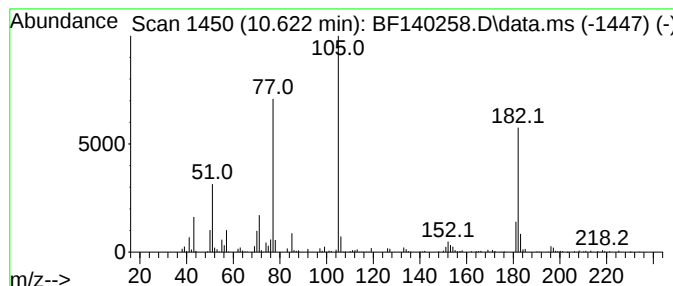
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	2.99 ng	160281	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4			Benzoylformic acid	150	C8H6O3	000611-73-4	46
5			Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

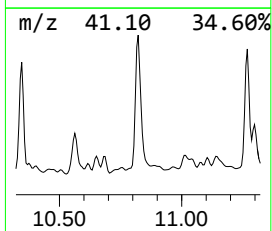
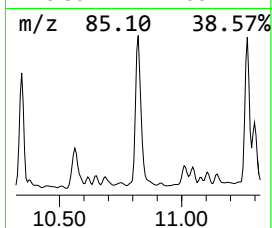
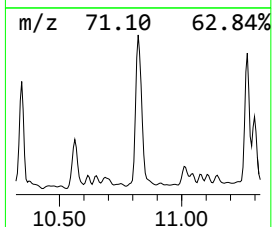
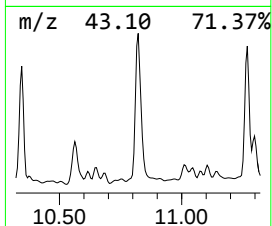
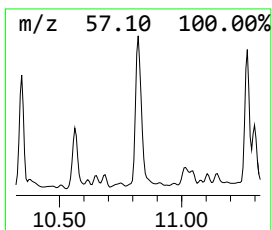
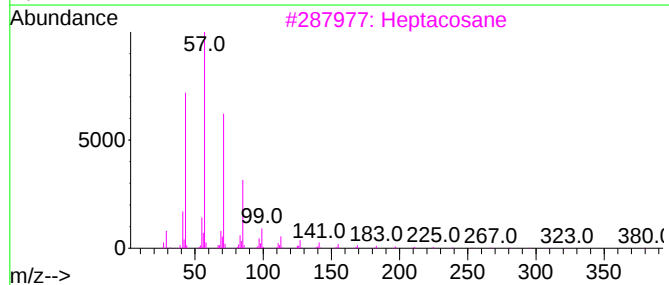
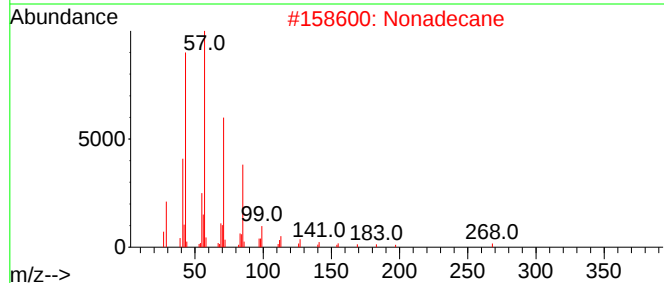
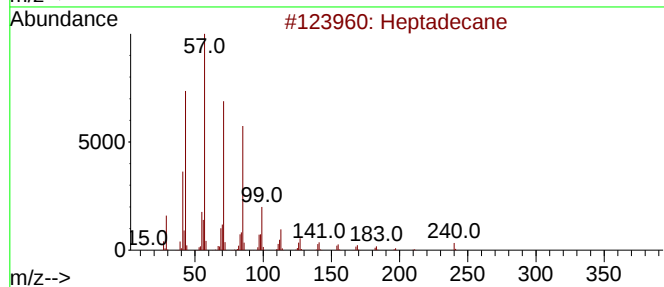
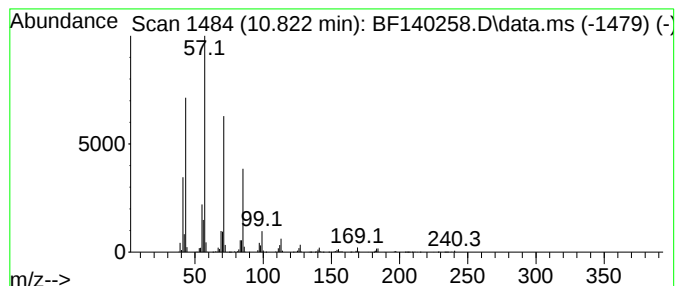
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	26.74 ng	1315790	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

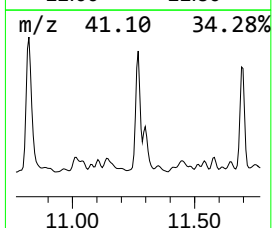
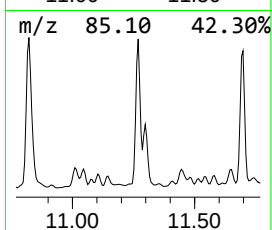
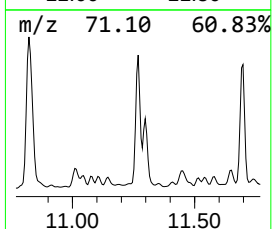
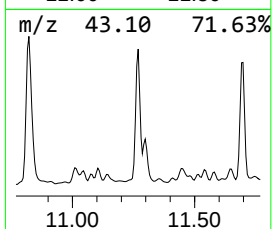
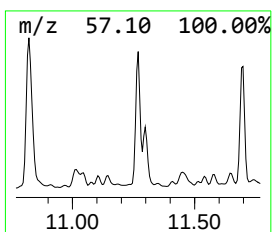
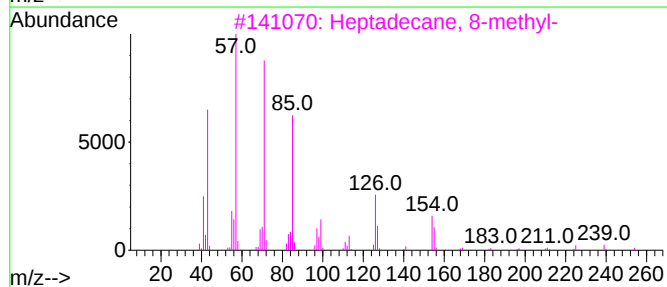
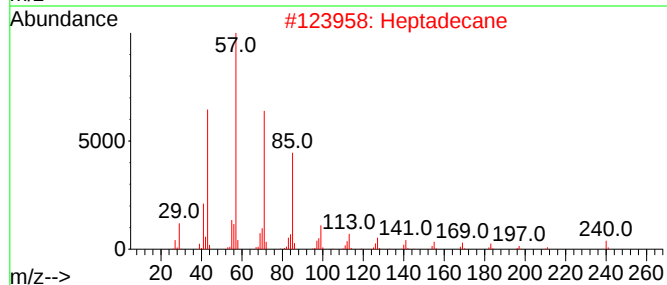
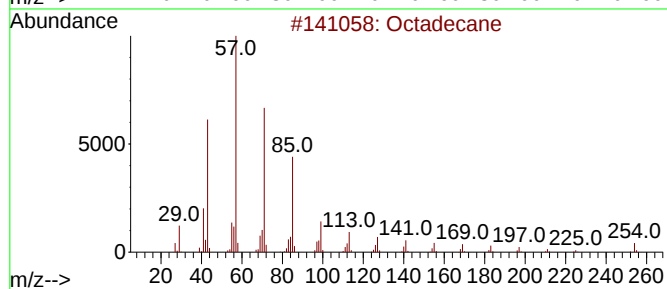
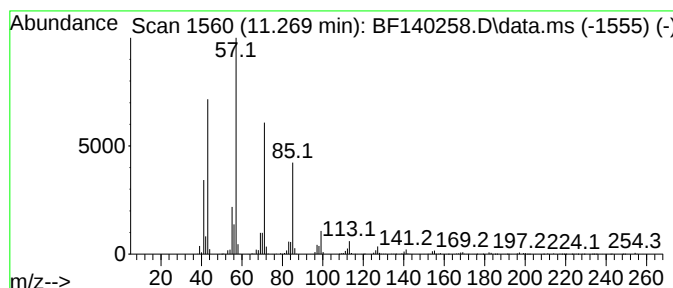
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.269	20.05 ng	986348	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

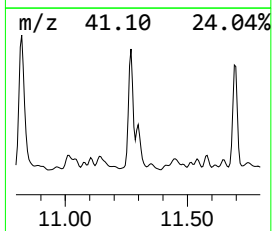
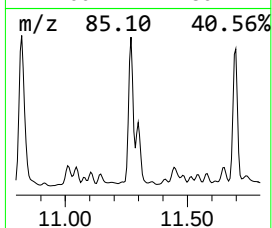
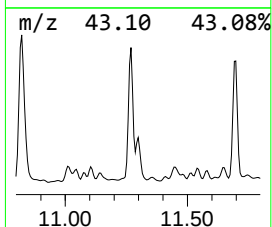
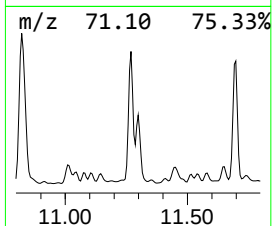
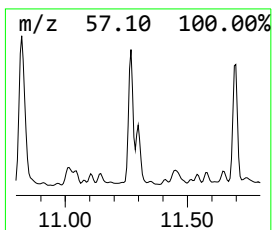
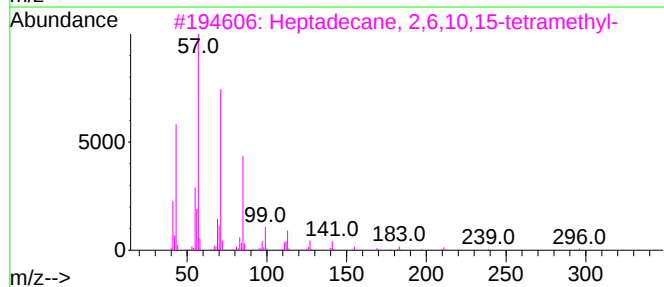
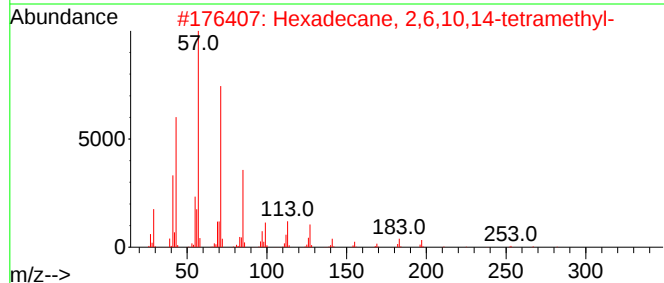
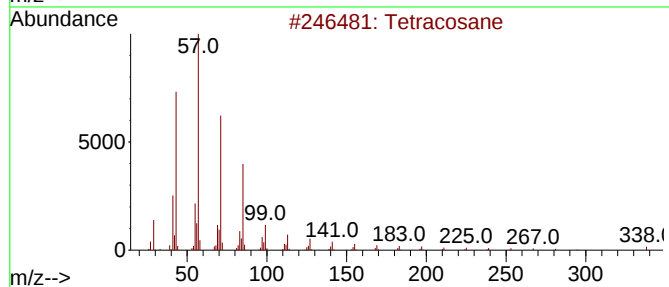
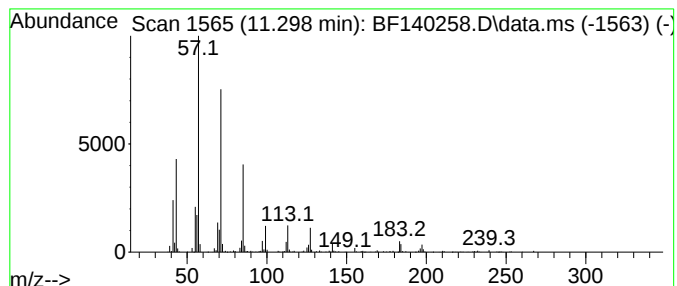
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.298	8.39 ng	412897	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	90
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	87
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	87
4	Eicosane		282	C20H42	000112-95-8	86
5	Heneicosane		296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

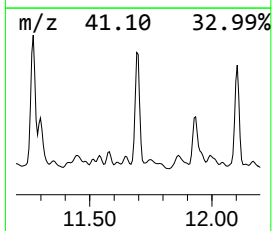
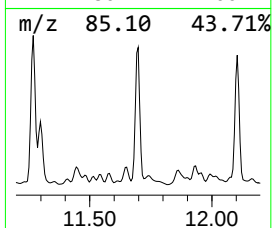
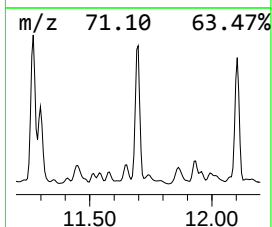
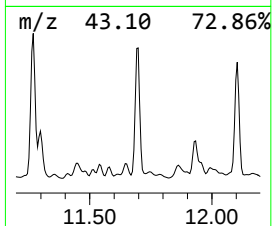
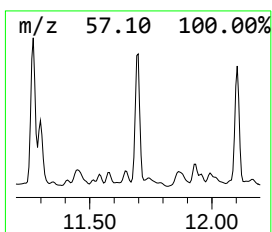
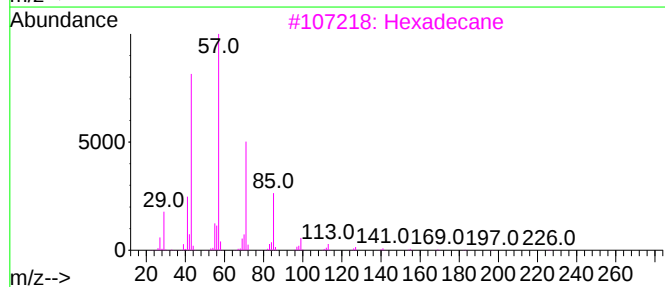
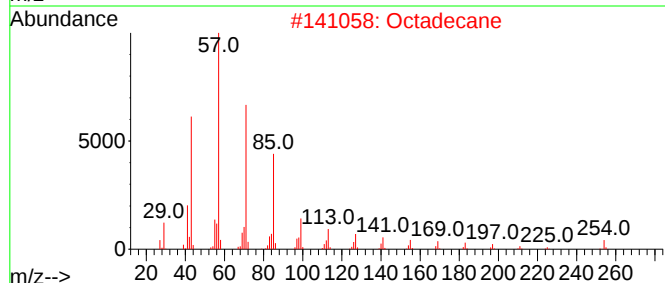
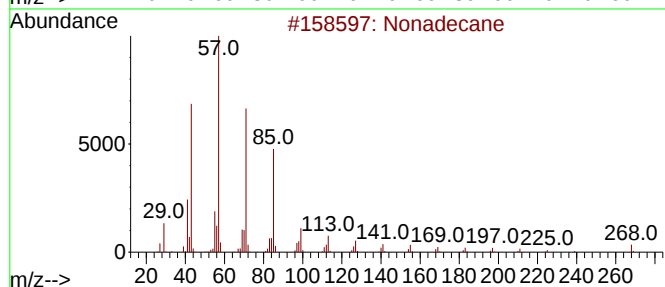
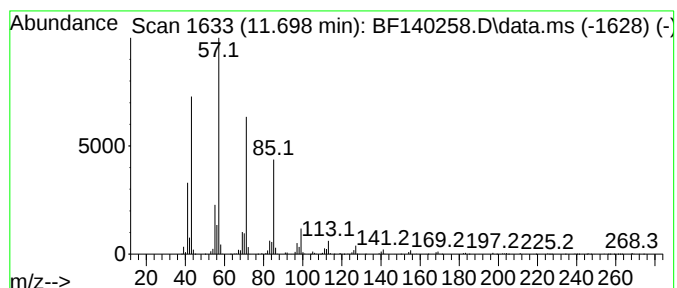
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.698	16.87 ng	829926	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Octadecane	254	C18H38	000593-45-3	95
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

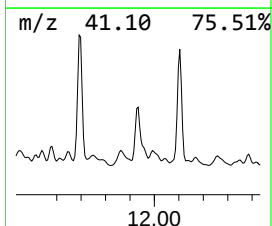
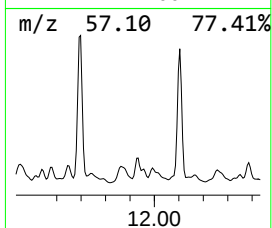
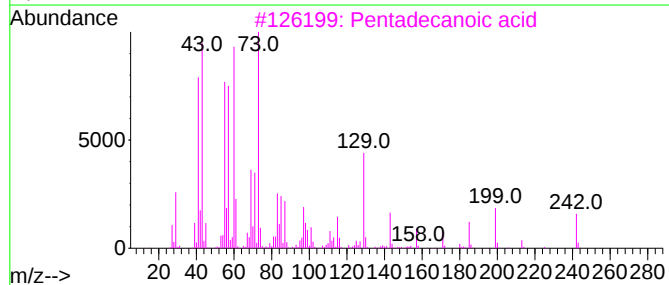
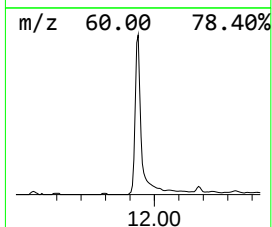
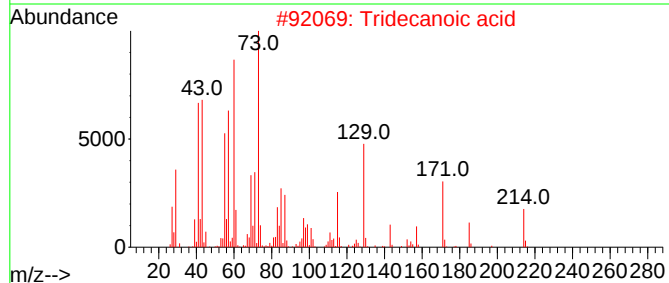
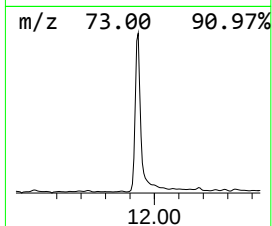
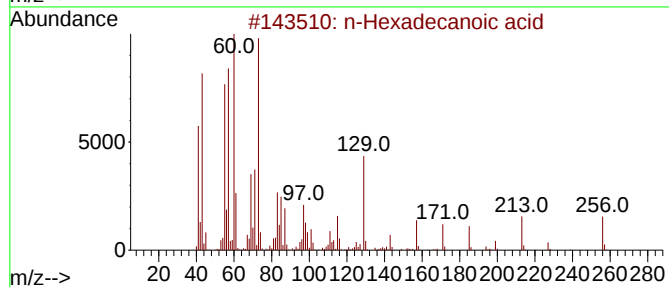
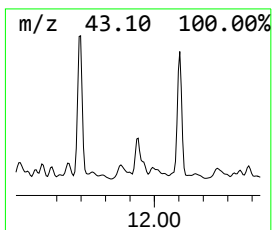
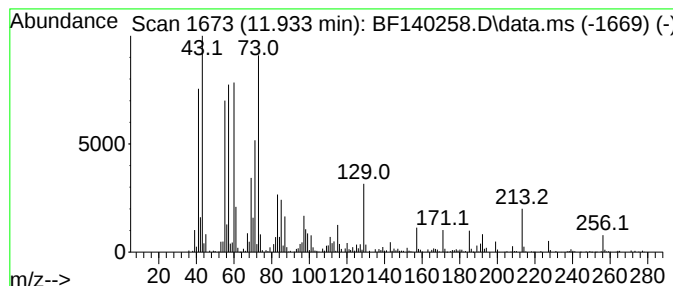
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	8.73 ng	429576	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			2-t-Butylperoxy-2-ethylbutan-1-o...	260	C14H28O4	139727-33-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

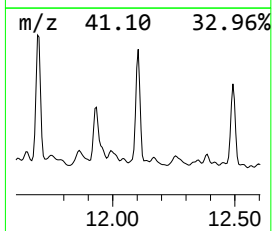
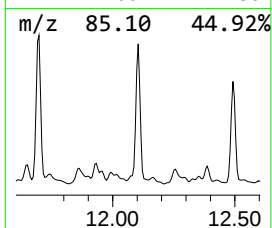
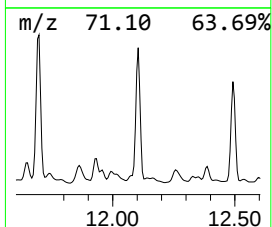
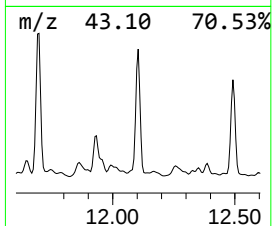
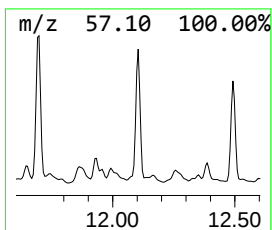
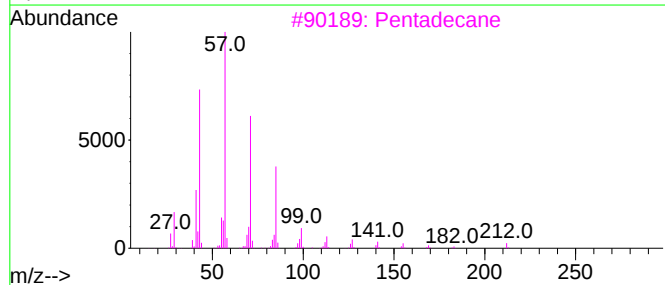
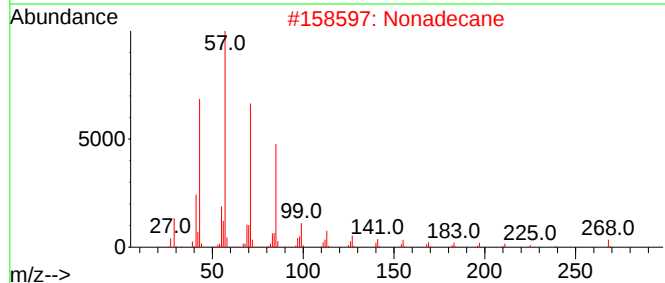
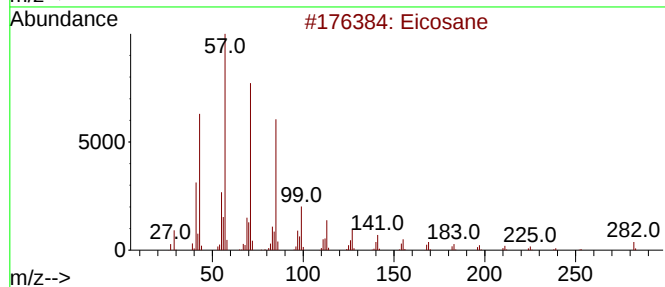
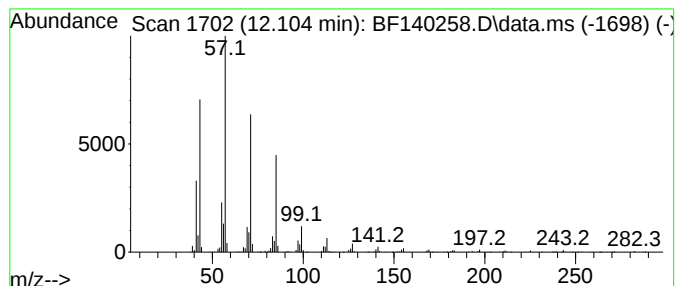
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	14.44 ng	710376	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Tetracosane	338	C24H50	000646-31-1	90
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

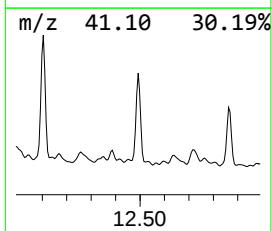
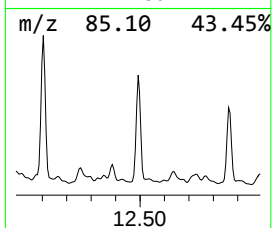
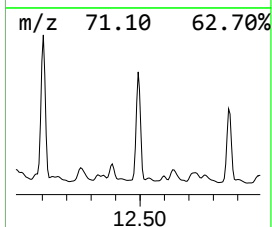
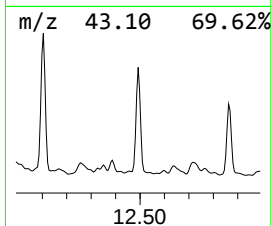
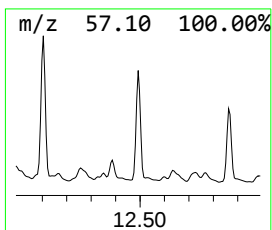
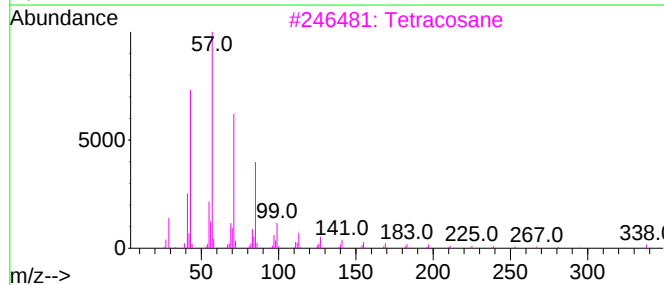
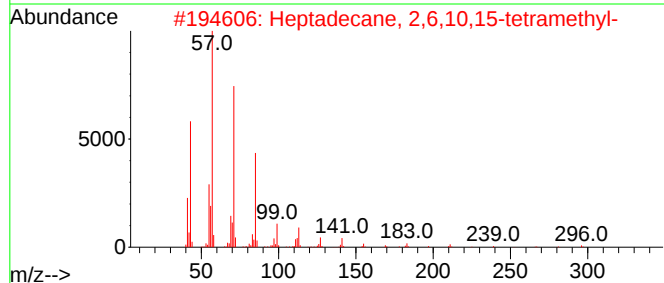
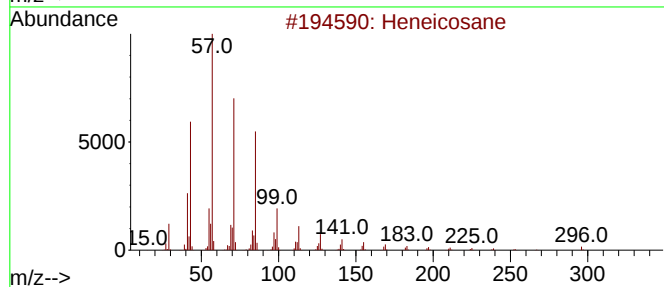
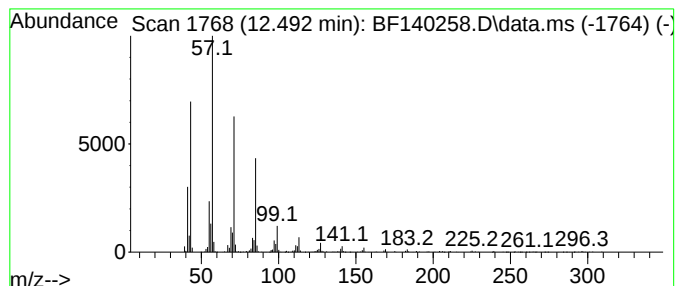
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	12.40 ng	610054	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
3		Tetracosane	338	C24H50	000646-31-1	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

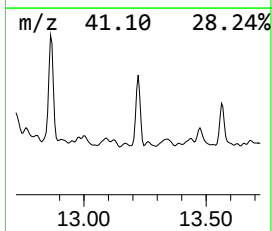
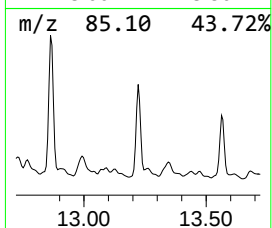
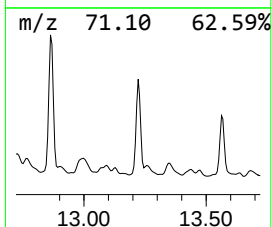
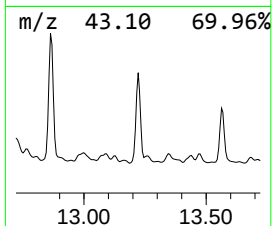
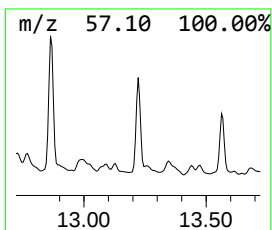
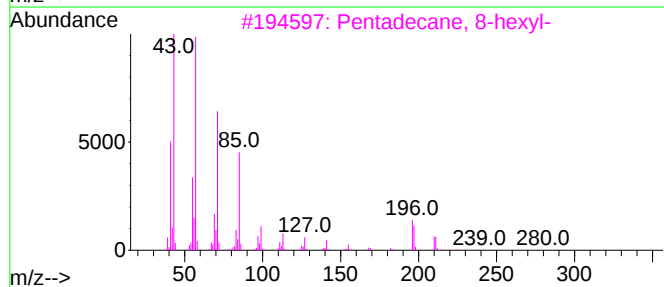
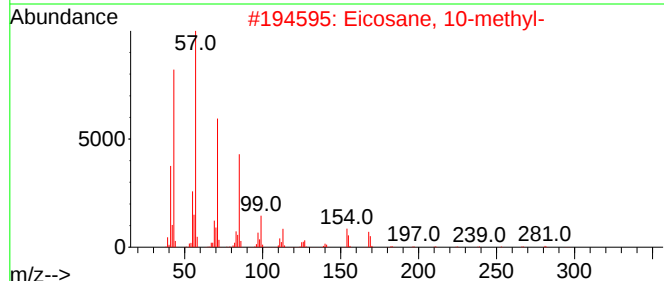
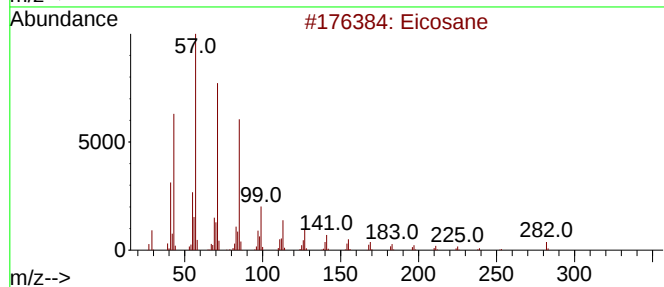
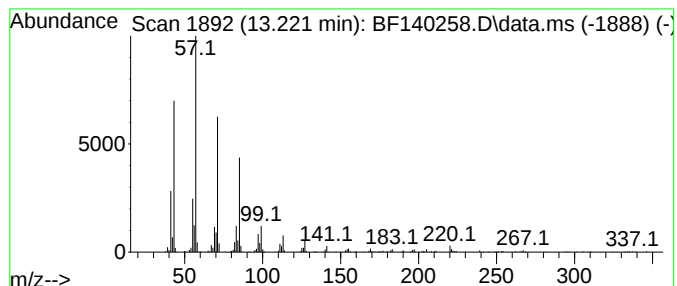
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Eicosane, 10-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	7.18 ng	320229	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4			Heptacosane	380	C27H56	000593-49-7	91
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

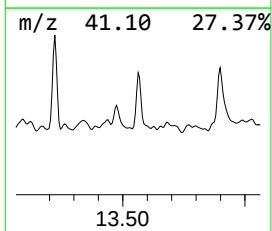
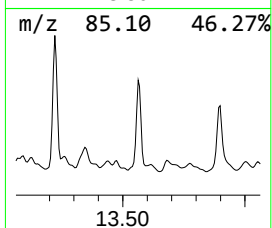
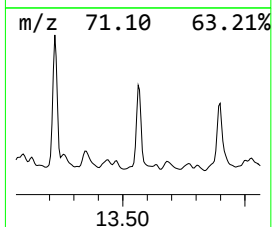
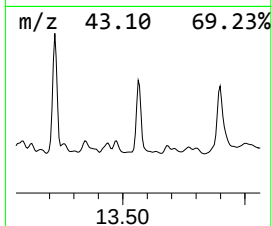
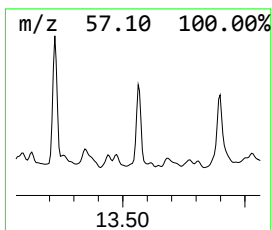
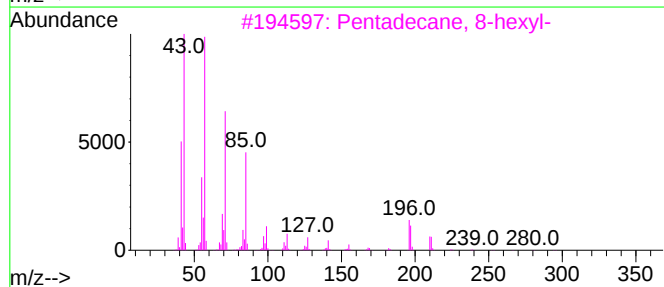
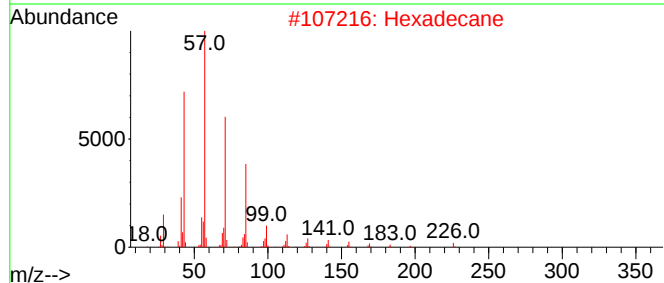
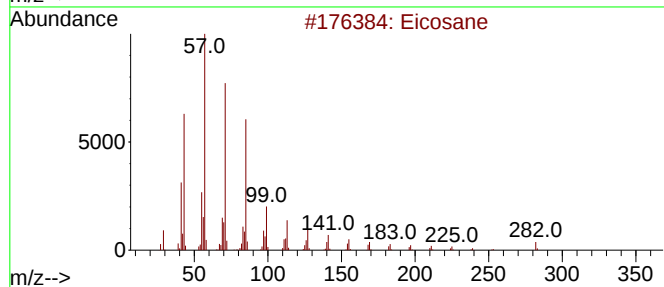
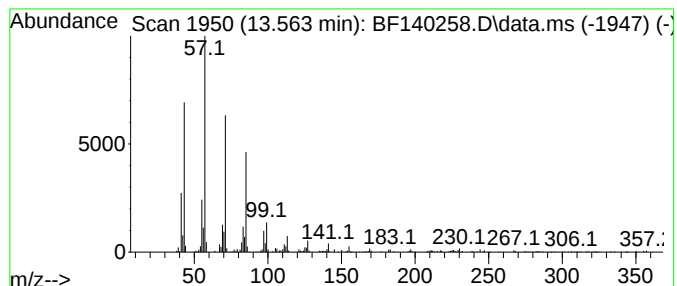
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Pentadecane, 8-hexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.563	4.18 ng	186416	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane	226	C16H34	000544-76-3	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

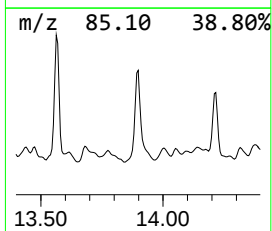
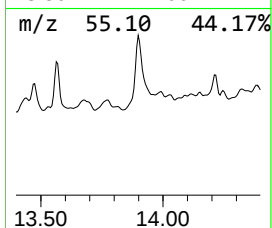
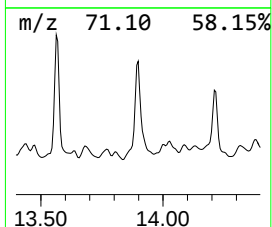
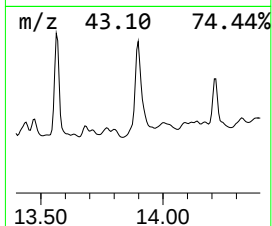
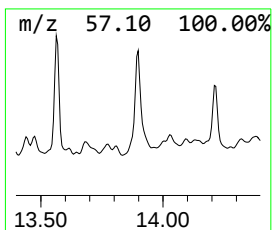
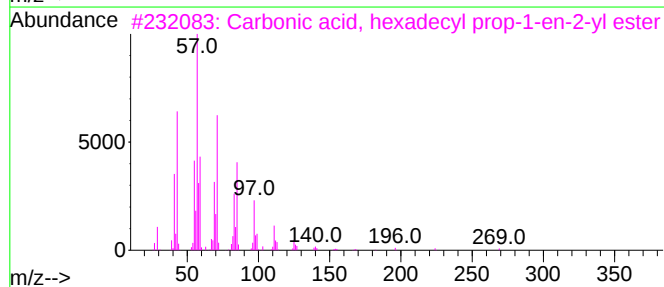
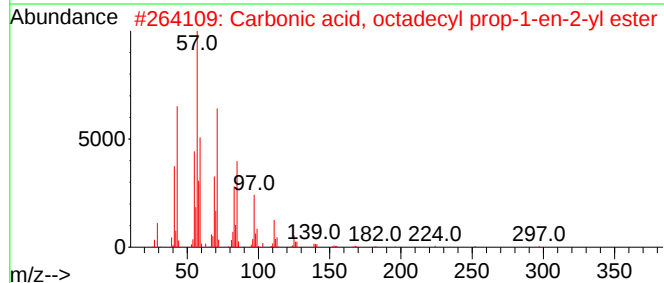
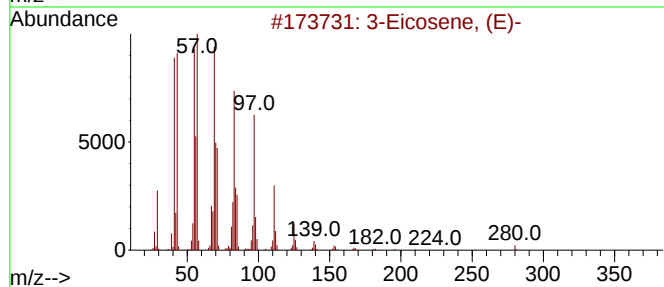
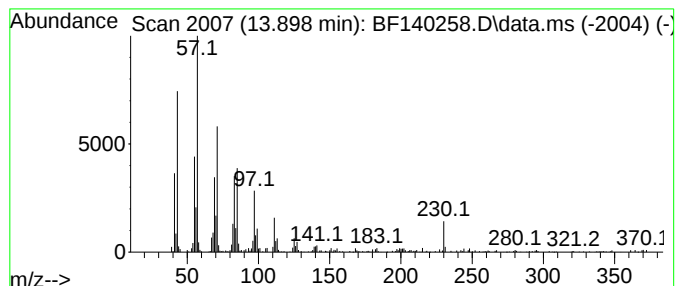
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 3-Eicosene, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.898	5.58 ng	248611	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
4	1-Hexacosene	364	C26H52	018835-33-1	90
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140258.D
Acq On : 06 Nov 2024 15:52
Operator : RC/JU
Sample : P4709-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.152	53.8	ng	2295850	1	6.875	853722	20.0
Propane, 1,1-di...	2.257	3.0	ng	128660	1	6.875	853722	20.0
2-Pentanone, 4-...	5.093	13.1	ng	560398	1	6.875	853722	20.0
Tetradecane	9.310	6.3	ng	336421	3	9.916	1072220	20.0
Naphthalene, 2,...	9.569	3.7	ng	196237	3	9.916	1072220	20.0
Carbonic acid, ...	9.633	4.3	ng	229681	3	9.916	1072220	20.0
Pentadecane	9.845	9.9	ng	529316	3	9.916	1072220	20.0
Hexadecane	10.345	14.4	ng	769574	3	9.916	1072220	20.0
Undecane	10.563	8.3	ng	446708	3	9.916	1072220	20.0
Benzophenone	10.622	3.0	ng	160281	3	9.916	1072220	20.0
Heptadecane	10.822	26.7	ng	1315790	4	11.404	984082	20.0
Octadecane	11.269	20.1	ng	986348	4	11.404	984082	20.0
Tetracosane	11.298	8.4	ng	412897	4	11.404	984082	20.0
Nonadecane	11.698	16.9	ng	829926	4	11.404	984082	20.0
n-Hexadecanoic ...	11.933	8.7	ng	429576	4	11.404	984082	20.0
Eicosane	12.104	14.4	ng	710376	4	11.404	984082	20.0
Heneicosane	12.492	12.4	ng	610054	4	11.404	984082	20.0
Eicosane, 10-me...	13.222	7.2	ng	320229	5	14.051	891524	20.0
Pentadecane, 8-...	13.563	4.2	ng	186416	5	14.051	891524	20.0
3-Eicosene, (E)-	13.898	5.6	ng	248611	5	14.051	891524	20.0